

ABSTRACT

A method for producing a new image of a desired aspect ratio from an original digital image comprises the steps of: (a) determining a cropping window of the desired aspect ratio and a predetermined size; (b) obtaining a main subject belief map including an array of belief values indicating the location and relative importance of subject matter in the original digital image; (c) using the main subject belief map, determining a location of the cropping window in the original digital image that satisfies a predetermined set of criteria; and (d) producing a cropped image of the desired aspect ratio.